

Converting Colors

$Y_{xy}(36.3401, 0.4194, 0.4297)$

Have a look what the booklet for
Yxy(36.3401, 0.4194, 0.4297)
contains.

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Color

Yxy(36.2394, 0.4197, 0.4295)

Conversions

Conversions Part 1

Format	Color
Hex	C09E50
RGB	192, 158, 80
RGB Percent	75%, 62%, 31%
CMY	0.2471, 0.3804, 0.6861
CMYK	0.00, 0.18, 0.58, 0.25
HSL	42°, 47%, 53%
HSV	42°, 58%, 75%
XYZ	35.4125, 36.2394, 12.7239
YIQ	159.2740, 45.3020, -17.0500

Conversions

Conversions Part 2

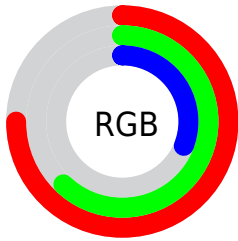
Format	Color
RYB	129, 192, 80
Decimal	12623440
CIELab	66.70, 3.31, 44.81
CIELCh	67, 44.932, 85.777
Yxy	36.2394, 0.4197, 0.4295
Android (android.graphics.Color)	4290813520 (0xFFC09E50)
YUV	159.2740, -39.0821, 28.7007
Hunter-Lab	60.1992, -0.3449, 29.6077

Details

The Yxy color **36.2394, 0.4197, 0.4295** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **17.5510, 0.2126, 0.1980**, and the grayscale version is **34.9718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2349, 0.4015, 0.4123**, and **15.8434, 0.4476, 0.4533** is the 20% darker color. If you saturate the color by 10%, you get **34.0551, 0.4390, 0.4419**, and if you desaturate by 10%, it is **38.6025, 0.3996, 0.4142**.

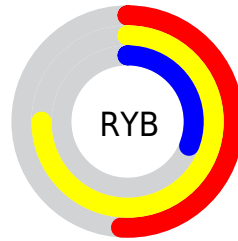
Distribution



Red (75%)

Green (62%)

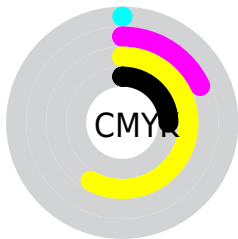
Blue (31%)



Red (51%)

Yellow (75%)

Blue (31%)

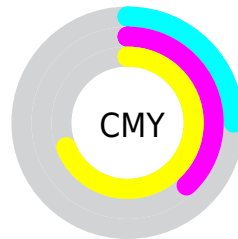


Cyan (0%)

Magenta (18%)

Yellow (58%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2394, 0.4197, 0.4295 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 36.2394, 0.4197, 0.4295 by changing the saturation by 10% instead.


 36.2394, 0.4197,
0.4295


 36.2394, 0.4197,
0.4295


330.0057, 0.3661,
0.3801

 24.6191, 0.4322,
0.4406


 69.4014, 0.4007,
0.4123


 15.7935, 0.4472,
0.4536


 91.7120, 0.3934,
0.4055


 9.3782, 0.4651,
0.4685


 118.3547, 0.3871,
0.3997

 4.9887, 0.4964,
0.4951

 149.7141, 0.3817,
0.3947

 2.2406, 0.5047,
0.4953

 186.1745, 0.3771,
0.3904

 0.7420, 0.5144,
0.4856

228.1203, 0.3730,

 0.0000, 0.0000,

0.3865

0.0000

275.9359, 0.3694,
0.3832

■ 36.2394, 0.4197,
0.4295

■ 36.2394, 0.4197,
0.4295

■ 34.0551, 0.4390,
0.4419

■ 38.6025, 0.3996,
0.4142

■ 32.0361, 0.4565,
0.4503

■ 41.1468, 0.3796,
0.3970

■ 30.1745, 0.4715,
0.4540

■ 43.8809, 0.3604,
0.3790

■ 28.4555, 0.4836,
0.4530

■ 46.8113, 0.3422,
0.3608

■ 28.1763, 0.4855,
0.4527

■ 49.9439, 0.3255,
0.3431

■ 53.2844, 0.3103,
0.3262

■ 56.8381, 0.2965,
0.3103

■ 60.6103, 0.2842,
0.2956

■ 64.6058, 0.2732,
0.2819

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.2394, 0.4477, 0.3835



36.2394, 0.4197, 0.4295



36.2394, 0.3644, 0.4540

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.2394, 0.4197, 0.4295



36.2394, 0.2029, 0.3065



36.2394, 0.3155, 0.2465

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36.2394, 0.4197, 0.4295



17.5510, 0.2126, 0.1980

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.2394, 0.2524, 0.2263



36.2394, 0.4197, 0.4295



36.2394, 0.1933, 0.2536

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



36.2394, 0.4197, 0.4295



36.2394, 0.2397, 0.3774



36.2394, 0.2102, 0.2275



36.2394, 0.3849, 0.2839

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.2394, 0.4197, 0.4295



36.2394, 0.3205, 0.4479



36.2394, 0.2102, 0.2275



36.2394, 0.2928, 0.2376

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



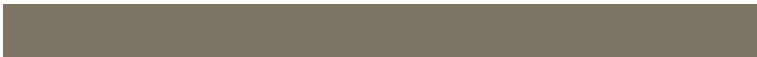
36.2411, 0.4197, 0.4295



85.4018, 0.3404, 0.3590



18.1966, 0.4310, 0.2828



18.0832, 0.3440, 0.3626



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2411, 0.4197, 0.4295



60.6549, 0.4441, 0.4447



46.9857, 0.3761, 0.4752



11.2255, 0.3272, 0.3450



19.1037, 0.4845, 0.4535



0.9421, 0.4667, 0.4676

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.5510, 0.2126, 0.1980



23.8471, 0.1919, 0.1642



12.2889, 0.2178, 0.1512



10.2355, 0.2984, 0.3125



4.7379, 0.1618, 0.1023



0.3291, 0.1747, 0.1490

Previews

White Background



This preview shows how the Yxy color 36.2394, 0.4197, 0.4295 looks on a white background.

Color Contrast Check

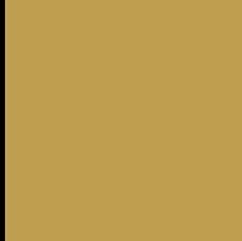
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 36.2394, 0.4197, 0.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2394, 0.4197, 0.4295

Background



This preview shows how black text looks on a background with the Yxy color 36.2394, 0.4197, 0.4295.



This preview shows how white text looks on a background with the Yxy color 36.2394, 0.4197, 0.4295.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

36.2394, 0.4197, 0.4295

Protanopia

36.5069, 0.4019, 0.4387

Deuteranopia

36.3161, 0.4296, 0.4214



Tritanopia

36.2102, 0.3527, 0.3135

Trichromacy



Original Color

36.2394, 0.4197, 0.4295

Protanomaly

36.2742, 0.4083, 0.4356

Deuteranomaly

36.2413, 0.4257, 0.4239

Tritanomaly

35.8582, 0.3787, 0.3559

Monochromacy



Original Color

36.2394, 0.4197, 0.4295

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0659, 0.3518, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2394, 0.4197, 0.4295 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 158, 80)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 80)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 158, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 80) }
```

Border

The CSS property to change the border of an element to Yxy 36.2394, 0.4197, 0.4295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 158, 80) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 158, 80) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 158, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 80);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2394, 0.4197, 0.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 80) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
158, 80) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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